

USTINOV, Dmitriy Yefimovich; GAVRILOV, Viktor Gerasimovich;
GELLERSHTEYN, V.I., red.

[Trench method for peat winning in the winter using explosives] Transsheinyi sposob vskryshi torfov v zimnii period s primeneniem vzryvchatykh veshchestv. Magadan, Magadan-skoе knizhnoe izd-vo, 1964. 21 p. (MIRA 18:3)

BERGER, Ya.M. [translator]; GAVRILOV, V.G., [translator]; MITBREYT, B.A.
[translator]; MURZAYEV, E.M., red.; RETEYUM, Yu.Ya., red.;
KLIMENKO, S.V., tekhn.red.

[Physicogeographic zoning of China; a collection of articles.
Translated from the Chinese] Fiziko-geograficheskoe raionirovanie
Kitais; sbornik statei. Predst. i red. E.M. Murzaeva. Moskva,
Izd-vo inostr. lit-ry. No.1. 1957. 235 p. (MIRA 11:5)
(China--Zoning maps)

CHZHAO I-WEN¹ [Chao I-wen]; GAVRILOV, V.G. [translator]; TUZMUKHAMEDOV,
R.A., red.; KHAR'KOVSKAYA, L.M., tekhn.red.

[Industry of the new China] Promyshlennost' novogo Kitaia.
Predial. G.A. Gonchina. Red.R.A.Tuzmukhamedov. Moskva, Izd-vo
inostr.lit-ry, 1959. 171 p. Translated from the Chinese.

(NIKA 13:2)

(China—Industries)

ACC NR: AP6021589

(N)

SOURCE CODE: UR/0402/66/000/003/0373/0373

AUTHOR: Gavrilov, V. I.; Kuborina, L. N.

ORG: Institute of Virology, Academy of Medical Sciences, SSSR (Institut virusologii
im. D. I. Ivanovskogo AMN SSSR, Moscow)

TITLE: Antigenic study of cells using the method of diffusion precipitation in agar

SOURCE: Voprosy virusologii, no. 3, 1966, 373

TOPIC TAGS: antigen, immunity, antigen specificity, CYTOLOGY

ABSTRACT:

Antigenic reactions of KEM-1, PKB-1, NEV, RES, NER-2, and Am-1 cells were studied by diffusion precipitation in agar. In reactions with normal bovine, horse, and rabbit sera, human gamma globulin and a 0.5% solution of lactalbumin hydrolysate with anticellular sera, a precipitation zone did not form. Experimental data indicate that during prolonged cultivation of cells *in vitro*, many general antigens appear. Complement fixation is of little use in differentiating strains of different origin [W.A. 50; CBE No. 10] under these conditions.

SUB CODE: 06/ SUBM DATE: none/

Card 1/1

GAVRILOV, V. I.

"The Variability of the Virus of Influenza A During Passage Through the Organisms of Immunized Mice." Cand Med Sci, Acad Med Sci, USSR, 13 Jan 55. (TM, 4 Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

ZHIDANOV, V.M.; GAVRILOV, V. I., MUZHIMKOVA, N.P.

Etiology of viral gastroenteritis. Zhur.mikrobiol. epid. i immun.
no.6:78-85 Je '55. (MLMA 8:9)

Moscow Obzorn. Med. Akad. Press. 1955
1. Iz Moskovskoy siblyudatel'noi protivochuzhny stantsii Mini-
sterstva zdravookhraneniya SSSR.

(GASTROENTERITIS, bacteriology,
viral)

(VIRUS DISEASES,
gastroenteritis)

GAVRILOV, V.I.

Conference of the Ivanovskii Institute of Virology of the Academy
of Medical Sciences of the U.S.S.R. on problems of the epidemiology
of virus diseases. Vop.virus. 1 no.1:59-60 Ja-? '56. (MIRA 10:1)
(VIRUS DISEASES) (EPIDEMIOLOGY)

GAVRILOV, V.I.
BAROYAN, O.V.; RESHETNIKOV, P.P.; GAVRILOV, V.I.

Apparatus 1-1 for experimentation with aerosols containing bacteria
or viruses. Vop.virus. 1 no.4:53-56 Jl-Ag '56. (MLRA 10:1)

(AEROSOLS,

appar. for aerosol bact. & viral infect. of animals (Rus))

(MICROBIOLOGY, apparatus and instruments,

aerosol for bact. & viral infect. of animals (Rus))

COUNTRY : USSR
CITY :
REF. JOUR. : Izdatelstvo Med. Nauk, Moscow, 1959, No. 961
AUTHOR : Zhdanov, V. M., Gavrilov, V. L.
TITLE : The Enteroviruses
ORIG. PUB. : Vopr. virusologii, 1958, No 2, 67-73
ABSTRACT : Review. Bibliography. 44 titles.

Card:

1/1

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CIA-RDP86-00513R000514510006-9

GAVRILOV, V.I.

Report by Doctor Skovranek on intradermal vaccination against
poliomyelitis in the Czechoslovakian Republic. V.I. Gavrilov.
Vop. virus 3 no.2:127 Mr-Ap '58 (MIRA 11:5)
(CZECHOSLOVAKIA--POLIOMYELITIS)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514510006-9"

GAVRILOV, V. I.

Virological investigation of an outbreak of influenza in Orsha.
Vop. virus. 4 no.1:30-37 Ja-F '59. (MIRA 12:4)

1. Gosudarstvennyy kontrol'nyy institut syvorotok i vaktein imeni
Tarasevicha, Moskva.
(INFLUENZA VIRUSES,
Russian strains isolated in 1957 (Rus))

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Dissertations dealing with virus diseases submitted in 1957 for candidate and doctoral degrees. Vop. virus. 4 no.1:116-117 Ja-F '59.
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GAVRILOV, V.I.; SEMENOV, B.Y.

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of Research on Preparations to Control Poliomyelitis. Vop.
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(Poliomyelitis)

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SHUBLADZE, A.K.; GAYDAMOVICH, S.Ya.; GAVRILOV, V.I.

Virological study on laboratory cases of Venezuelan equine
encephalomyelitis. Vop.virus. 4 no.3:305-310 My-Je '59.
(MIRA 12:8)

1. Institut virusologii imeni D.I.Ivanovskogo AMN SSSR, Moskva.
(ENCEPHALOMYELITIS, EQUINE, casereports,
Venezuelan, in laboratory workers (Rus))

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Dissertations presented or defended in 1958 for doctoral or
candidate degrees on problems in virus infections. Vop.
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(BIBLIOGRAPHY--VIRUS DISEASES)

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kand.med.nauk; SEMENOV, B.P., kand.med.nauk

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35-41 S '59. (MIRA 13:1)
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SEMENOV, B.F.; GAVRILOV, V.I.

Toxic properties of viruses. Vop. virus. 5 no. 1:5-13 Ja-F '60.
(MIRA 14:4)
(VIRUSES)

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GAVRILOV, V.I.

Isolation of two lines of transplanted kidney cells of adult sheep.
Report No. 1: Adaptation to conditions of uninterrupted cultivation in vitro. Vop. virus. 5 no. 1:88-95 Ja-F '60. (MIRA 14:4)

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preparatov imeni L.A. Tarasevicha, Moskva.
(TISSUE CULTURE)

AKATOV, A.K.; GAVRILOV, V.I.; SEMENOV, B.F.

Two examples of the use of the statistical method for analyzing
results of a virological experiment. Vop. virus. 5 no. 1:114-117
Ja-F '60. (MIRA 14:4)

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no.3:383 My-Je '60. (MIRA 13:9)
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GAVRILOV, V.I.

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Choice of method for calculating ED 50 in the practice of
virological studies. Vop. virus. 5 no. 6:741-744 N-D '60.

(MIRA 14:4)

(POLIOMYELITIS)

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Characteristics of the growth of sheep kidney epithelium in tissue culture. Vop.virus. 6 no.2:227-231 Mr-Ap '61. (MIRA 14:6)

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of chick embryo. Vop. virus 6 no.4:444-453 Jl-Ag '61.

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GAVRILOV, V.I.; KUBORINA, L.N.; VASIL'YEVA, N.N.

Use of transplanted cells of mice embryos (line KEM-La) for the color
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(POLIOMYELITIS) (COXSACKIE VIRUSES)

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Mr-Ap '62. (MIRA 15:5)

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ROMANENKO, V.F.; GAVRILOV, V.I.

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(SMALLPOX IN ANIMALS) (VIRUS RESEARCH)
(TISSUE CULTURE)

GAVRILOV, V.I.

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Moscow Scientific Research Institute for Virus Preparations."
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(VIROLOGY)

ZUBOVA, Z.F.; GAVRILOV, V.I.; KUBORINA, L.N.; BORUTSKAYA, T.R.; GORDIYENKO, N.M.

Selection of ECHO virus strains for the preparation of type-specific rabbit serums. Vop. virus 8 no.2:213-217 Mr-Ap '63
(MIRA 16:12)

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GAVRILOV, V.I.: VASIL'YEVA, N.N.; DODO'OV, N.N., ZHIEVA, R.G.

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(MIRA/17:1)

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CIA-RDP86-00513R000514510006-9

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Preliminary report. Vop. virus, 9 no.2:222-227 Mr-Apr '64.
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nyy institut meditsinskikh biologicheskikh preparatov imeni L.A.
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GAVRILOV, V.I.; SHCHEKOKHINA, Ye.A.

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RES strain and its sensitivity to the Coxackie virus Vc. Vop. virus
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ZMIYEVA, R.G.

Characteristics of the morphogenesis of the cultures of the line of
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KOSTYUKOV, M.A.; GAVRILOV, V.I.; DODONOV, N.N.; DREYZIN, R.S.

Results of the identification of adenoviruses of the monkey
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Moskva Moskovskii rabochii, 1952. 55 p. (V pomoshch' slushateliam vechernikh
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HD1491.R92G3

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Rasprostredenie dohodov v kolkhozakh [Distribution of income in collective farms].
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Z.A.; LEVIN, I.Ye.; TSYMKOV, M.Yu.; HADIR'YAN, G.G.; TYUTIN, V.A.;
ABRAMOV, V.A.; PRAYER, S.V.; KOBCHIKOVA, I.A.; KARNAUKHOVA, Ye.I.;
OBOLENSKIY, K.P.; IL'IN, S.A.; GAVRILOV, V.I.; FREYDMAN, S.M.;
KALASHNIKOVA, V.S., redaktor; LAPIDUS, M.A., redaktor; RAKITINA,
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(Novo-Aleksandrovskaya District--Field crops)

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[Model technological charts for growing and harvesting farm crops applicable in working out scientific farming systems and compiling long-range and yearly plans for collective and yearly state farms of Ryazan Province] Primernye tekhnologicheskie karty po vozdel'yvaniyu i uborke sel'skokhoziaistvennykh kul'tur dlja ispol'zovaniia pri razrabotke nauchno-obosnovannykh sistem vedeniya khoziamistva, sostavleniya perspektivnykh i godovykh planov ego razvitiia v kolkhozakh i sovkhozakh Riazanskoi oblasti. Riazan', 1960. 169 p.

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(Ryazan Province—Agriculture)

(Ryazan Province—Field crops)

TULUPNIKOV, L.A.; SOLOV'IEV, A.V.; BATOVA, N.T.; GAVRILOV, V.I., kand. ekonom.nauk; SHIMKO, N.I.; POLOVENKO, I.S., kand.ekonom.nauk; POTAPOV, Kh.Ye., red.; OVCHINNIKOV, N.G., red.; PONOMAREVA, A.A., tekhn.red.

[Problems pertaining to long-range planning and systems of management on collective and state farms] Voprosy perspektivnogo planirovaniia i sistemy vedeniya khozisistva v kolkhozakh i sovkhozakh. Moskva, Gosplanizdat, 1960. 681 p.

(MIRA 14:3)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut ekonomiki sel'skogo khozyaystva. 2. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina; direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva (for Tulupnikov). 3. Zamestitel' direktora Vsesoyuznogo nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva (for Gavrilov). 4. Rukovoditel' otdela Vsesoyuznogo nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva (for Polovenko).

(Collective farms) (State farms)

KARNAUKHOVA, Ye.S., doktor ekonom. nauk, red.; KOZLOV, M.I., kand. ekon. nauk, red.; GAVRILOV, V.I., red.; OBOLENSKIY, K.P., kand. ekon. nauk; ZAVERNYAYEVA, L.V., red.; PONOMAREVA, A.A., tekhn. red.

[Possibilities and ways for increasing labor productivity in the agriculture of the U.S.S.R.] Rezervy i puti povysheniia proizvoditel'nosti truda v sel'skom khoziaistve SSSR; doklady i vystupleniya. Red. kollegia: E.S.Karneukhova i dr. Moskva, (MIRA 15:5) Ekonomizdat, 1962. 490 p.

1. Soveshchaniye po voprosam vyyavleniya rezervov i putey povysheniya proizvoditel'nosti truda v sotsialisticheskem sel'skom khozyaystve, 1960. 2. Institut ekonomiki Akademii nauk SSSR (for Karnaughova, Kozlov). 3. Nauchno-issledovatel'skiy ekonomicheskiy institut Gosudarstvennogo nauchno-ekonomiceskogo soveta Soveta Ministrov SSSR (for Obolenskiy).

(Agriculture)

ABRAMOV, V.A.; RUMYANTSEV, A.F.; CHAYKIN, P.I.; ABATURIN, L.V.;
GAVRILOV, V.I.; ALTAYSKIY, I.P.; KAMINSKIY, A.Ye.; SUKACH,
P.V.; VASIL'YEV, V.N.; OBOLENSKIY, K.P.; SAVEL'YEV, Ye.A.;
MOTOV, S.I.; RUSAKOV, G.K.; IVANOV, F.G.; PISKUNOV, V.,
red.; POLYAKOVA, N., red.; MUKHIN, Yu., tekhn. red.

[Economics of agricultural enterprises; textbook] Ekonomika
sel'skokhoziaistvennykh predpriiatii; uchebnoe posobie. Mo-
skva, Gospolitizdat, 1962. 510 p. (MIRA 15:9)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya
partiynaya shkola.
(Farm management)

KARNAUKHOVA, Ye.S., doktor ekon. nauk, red.; KOZLOV, M.I., kand. ekon. nauk, red. GAVRILOV, V.I., red.; OBOLENSKIY, K.P., kand. ekon. nauk, red.; ZAVERNYAYEVA, L.V., red.; PONOMAREVA, A.A., tekhn. red.

[Resources and ways for increasing labor productivity in agriculture] Reservy i puti povysheniia proizvoditel'nosti truda v sel'skom khoziaistve SSSR. Red.koll.: E.S.Karnaughova i dr. Moskva, Ekonomizdat, 1962. 490 p. (MIRA 16:10)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut ekonomici sel'skogo khozyaystva. 2. Institut ekonomiki AN SSSR (for Karnaughova, Kozlov). 3. Nauchno-issledovatel'skiy ekonomiche-skiy institut Gosudarstvennogo nauchno-ekonomicheskogo soveta Soveta Ministrov SSSR (for Obolenskiy).

(Agriculture--Labor productivity)

ABRAMOV, V.O., nauchn. sotr.; CHAYKIN, O.F., nauchn. sotr.;
ABATURIN, L.V., nauchn. sotr.; GAVRILOV, V.I.[Havrylov,
V.I.], nauchn. sotr.; ALTAYSKIY, I.P.[Altais'kyi, I.P.],
nauchn. sotr.; KAMINSKIY, O.IE.[Kamins'kyi, O.IE.],
nauchn. sotr.; RUMYANTSEV, O.IE., nauchn. sotr.;
SUKACH, P.V., nauchn. sotr.; VASIL'YEV, V.M.[Vasyl'iev,
V.M.], nauchn. sotr.; KOTOV, G.G.[Kotov, H.H.], nauchn.
sotr.; OBOLENSKIY, K.P.[Obolens'kyi, K.P.], nauchn. sotr.;
SAVEL'YEV, Ye.O.[Savel'iev, IE.O.], nauchn. sotr.; MOTOV,
S.I., nauchn. sotr.; RUSAKOV, G.K.[Rusakov, H.K.], nauchn.
sotr.; YEVDOKIMENKO, V.P.[IEvdokymenko, V.P.], red.;
SKVIRSKAYA, M.P.[Skvyr's'ka, M.P.], tekhn. red.

[Economics of agricultural enterprises] Ekonomika sil'sko-
khospodars'kykh pidpriemstv; navchal'nyi posibnyk. Kyiv,
Derzhpolitydav URSR, 1963. 469 p. (MIRA 16:10)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya
partiynaya shkola.

(Agriculture--Economic aspects)

ABRAMOV, V.A.; RUMYANTSEV, A.F.; CHAYKIN, I.I.; ABATURIN, L.V.;
GAVRILOV, V.I.; ALTAYSKIY, I.P.; KAMINSKIY, A.Ye.;
SUKACH, A.F.; VASIL'YEV, V.N.; OBOLENSKIY, K.P.;
SAVEL'YEV, V.A.; RUSAKOV, G.K.; IVANOV, F.G.; POLYAKOVA, N.,
red.; MUKHIN, Yu., tekhn.red.

[Economics of agricultural enterprises] Ekonomika sel'sko-khoziaistvennykh predpriatii; uchebnoc posobie. Izd.2., dop. Moskva, Politizdat, 1963. 527 p. (MIRA 17:1)

1. Kommunisticheskaya partiya Sovetskogo Soyuza. Vysshaya partiynaya shkola.
(Agriculture--Economic aspects)

BADIR'YAN, G.G., prof.; VASIL'YEV, N.V., prof.; KOTOV, G.G., prof.,
RUDAKOVA, Ye.A., prof.; BRAGINSKIY, B.I., doktor ekon.nauk;
GUMEROV, M.N., dots.; ROMANCHENKO, A.V., doktor ekon. nauk;
ABRAMOV, V.A., dots.; ALTAYSKIY, I.P., kand.ekon. nauk;
GAVRILOV, V.I., dots.; RAFIKOV, M.M., kand.ekon. nauk;
VINOKUR, R.D., dots.; RUSAKOV, G.K., dots.; LAVRENT'YEV,
V.N., dots.; GORELIK, L.Ya., red.; PONOMAREVA, A.A., tekhn.
red.

[Economics, organization and planning of agricultural production] Ekonomika, organizatsiya i planirovanie sel'skokhozistvennogo proizvodstva. Moskva, Ekonomizdat, 1963. 607 p.
(MIRA 16:11)

(Agriculture--Economic aspects)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514510006-9

LESHCHENKO, V.N., GAVRILOV, V.I.; ZDOROV, S.F.

Characteristics of the geological structure and exploitation of
the gas deposit of the third stratum of the calceolate level of
the Nibel'sk Field. Gaz. prom. 9 no.12:1-4 '64.

(NTIA 18:3)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514510006-9"

CAVRILOV, V. I.

5

4E2c
3 May

PM 018

✓ 4853. Apparatus for investigation of the thermo-mechanical properties of polymers/ B. I. TSETLIN,
V. I. CAVRILOV, I. A. VELIKOVSKAYA, and V. V.
KOTYKOV. Zavod. Lab., 1968, No. 3, 352-5.
This apparatus, for continuous operation, consists
basically of a simple mechanical structure for the
application of compression or elongation, a heating
block, and a thermostatic regulator.

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Sovetov d'neniy AKademii NAUK SSSR.

GAVRILOV, V.I.

Some boundary theorems of uniqueness for meromorphic functions.
Usp. mat. nauk 20 no.6:59-63 N-D '65. (MIR 18:12)

1. Submitted March 17, 1964.

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Negative colonies of the type 1-6 Coxsackie virus in KEM-1 and
NEV transplantable cell cultures. Vop. virus. 9 no.6:714-718
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GAVRILOV, V.I.

Holomorphic functions bounded on sequences of points.

Sib. mat. zhur. 6 no.6:1227-1233 N-D '65.

(MIRA 18:12)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514510006-9

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Distribution of the values of functions which are ~~meromorphic~~
in a unit circle and are not normal functions. Mat. sbor. 67
no. 3:408-427 Jl '65. (MIRA 18:9)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514510006-9"

GAVRILOV, V.I.

Behavior of a holomorphic function near its essentially singular point.
Dokl. AN SSSR 162 no.3:491-494 My '65. (MIRA 18:5)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
Submitted December 4, 1964.

GAVRILOV, V.I.

Boundary behavior of functions meromorphic within a unit circle.
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(Functions, Meromorphic)

GAVRILOV, V.I.

Sets of salient boundary values of normal meromorphic functions.
Dokl. AN SSSR. 141 no.3:525-526 N '61. (MIRA 14:11)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
Predstavлено академиком I.G. Petrovskim.
(Functions, Meromorphic) (Aggregates)

GAVRILOV, V.I.

Set of limit values of functions pseudoanalytic within a unit
circle. Dokl. AN SSSR 148 no.1:16-19 Ja '63.
(MIRA 16:2)
1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
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(Functions, Analytic)

GAVRILOV, V.I.

A theory of Collingwood and Valiron. Dokl.AN BSSR 4 no. 11:450-
452 M '60.

(MIRA 13:12)

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akademikom AN BSSR N.P. Yeruginym.
(Functions)

GAVRILOV, V. I.

Dissertation defended for the degree of Candidate of Physicomathematical Sciences at the Mathematical Institute imeni V. A. Steklova, 1962:

"Several Problems of Boundary Behavior of Quasi-conformal Reflections."

Vest. Akad. Nauk. SSSR. No. 4, Moscow, 1963, pages 119-145

CAVRILOV, V.I.

Boundary behavior of Q-quasiconformal mappings. Sib. mat. zhur.
2 no.5:650-654 S-0 '61. (MIRA 15:3)
(Conformal mapping)

GAVRILOV, V.I.

Limiting cluster sets by sequences of points of functions
pseudomeromorphic in the unit circle. Vest. Mosk. un. Ser. 1:
Mat., mekh 18 no.6:28-33 N-D'63. (MIRA 17:2)

1. Kafedra matematicheskogo analiza Moskovskogo universiteta.

GAVRILOV, V.I.

Limits for continuous curves and sequences of points of normal
functions meromorphic and generalized meromorphic in a unit
circle. Part 2. Vest. MDMK. un. Ser. 1: Mat., mekh. 19 no.2:
30-36 Mr-Ap '64. (MIRA 17:3)

1. Kafedra matematicheskogo analiza Moskovskogo universiteta.

GAVRILOV, V.I.

Sequential and continuous limits of meromorphic and
pseudomeromorphic functions in the unit circle. Vest. Mosk.
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1. Kafedra matematicheskogo analiza Moskovskogo universiteta.

GAVRILOV, V.I.

Ambiguous points of meromorphic functions. Vest. Mosk. un. Ser.
1: Mat., mekh. 20 no.4:29-34 J1-Ag '65. (MIRA 18:9)

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universiteta imeni M.V. Lomonosova.

GAVRILOV, V.I.

Boundary behavior of functions meromorphic in a unit circle.
Vest.Mosk.un.Ser.1: Mat., mekh. 20 no.5:3-10 S-0 '65.

(MIRA 18:9)

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"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514510006-9

SLEPCHENKO, Dmitriy Tarasovich [Slipchenko, D.T.]; SIVASHENKO, T.I. [Syva-shenko, T.I.], ovt. red.; GAVRILOV, V.M. [Havrylov, V.M.], red.;

[Helicopters in the national economy] Vertol'oty v narodnomu hospodarstvi. Kyiv, 1961. 46 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 7, no.3)

(MIRA 14:8)

(Ukraine—Helicopters)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514510006-9"

FEDOROV, Ivan Ignat'yevich [Fedorov, I.H.], prof.; VORONOV, Yu.Yu., prof.;
GAVRILOV, V.M. [Havrylov, V.M.], red.; MATVIICHUK, O.A., tekhn.
red.

[Revivification of the body; scientific methods of dealing with premature death] Ozhyvlennia organizmu; naukovi metody borot'by z pered-chasnoiu smertiu. Kyiv, 1961. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.6, no.16)

(MIRA 14:11)

(DEATH, APPARENT) (REGENERATION (BIOLOGY)) (LONGEVITY)

SOV/137-59-1-1814

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 240 (USSR)

AUTHORS: Moskvin, N. I., Shapiro, M. B., Gavrilov, V. M.

TITLE: Bright Quenching of Steel in a 50% Solution of Sodium Hydroxide is Free of Deformation (Svetlaya bezdeformatsionnaya zakalka stali v 50%-nom rastvore yedkogo natra)

PERIODICAL: Sb. statey. Vses. n.-i. i konstrukt. in-t khim. mashinostr., 1957, Vol 23, pp 67-75

ABSTRACT: In the process of investigating the quenching hardenability of aqueous NaOH solutions it was established that, compared with other quenching media, the employment of a 50% NaOH solution for quenching of carbon and low-alloy steels ensures a more complete and uniform quenching combined with a lesser degree of deformation and lower susceptibility to cracking. A clean surface is obtained after quenching. During cooling of steel in a 50% NaOH at a temperature of 20°C the rate of cooling in the range of temperatures between 750 and 550° is 700-1400°/sec, whereas in the region of martensite transformations it amounts to 50-1000°/sec. In order to stabilize the operation of the alkaline bath, the surface of the solution should be coated with a layer of oil 10-20 mm thick. M. Ch.

Card 1/1

GRANOVSKIY, V. N.

b 2 PHASE I BOOK EXPLOITATION SOV/5488

Moscow. Vsesoyuznyy nauchno-issledovatel'skiy i konstruktorskiy institut khimicheskogo mashinostroyeniya.

Materialy v khimicheskem mashinostroyenii (Materials in Chemical Machine Building) Moscow, Informatsionno-izdatel'skiy otdel, 1960. 143 p. (Series: Its: Trudy, vyp. 34) 3,000 copies printed.

Sponsoring Agency: Gosudarstvennyy komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu and Vsesoyuznyy nauchno-issledovatel'skiy i konstruktorskiy institut khimicheskogo mashinostroyeniya NIIKhIMMASH.

Ed. (Title page): V. K. Fedorov, Candidate of Technical Sciences; Editorial Council: Chairman: V. B. Nikolayev; Deputy Chairman: Yu. M. Vinogradov, Candidate of Technical Sciences; B. N. Borisoglebskiy, A. N. Goncharov, Yu. G. Popandopulo, I. N. Yukalov, Candidate of Technical Sciences, and G. M. Yusova, Candidate of Technical Sciences; Ed.: V. I. Glukhov; Tech. Ed.: P. A. Vshivtsev.

Card 1/5

Materials in Chemical (Cont.)

SOV/5488

PURPOSE : This collection of articles is intended for technical personnel in chemical machine building and other branches of the machine and instrument industry.

COVERAGE: The collection deals with the results of investigations on the mechanical, corrosive, and engineering qualities of certain alloys. Also discussed are heat-treatment regimes, the phase composition of stainless steels, methods of checking products, and new designs of apparatus used in checking. References accompany each article.

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Gavrilov, V. M. [Engineer], and V. K. Fedorov [Candidate of Technical Sciences]. Crystallization of Alloys in the Elastic-Vibration Field 3

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Card 2/5

Materials in Chemical (Cont.)

SOV/5488

Shapiro, M. B. [Engineer], and V. M. Makarov [Engineer]. Induction Hardening of Small-Module Pinions of [Speed] Reducers 26

Chernykh, N. P. [Engineer, Irkutskiy filial NIIKhIMMASHa - Irkutsk branch of NIIKhIMMASH]. Investigation of the Effect of Hydrogen on the Endurance of Certain Steels [Engineers V. D. Molchanova and M. I. Mil' took part in the investigation] 33

Akshentseva, A. P. [Candidate of Technical Sciences], and G. N. Shumratova [Engineer]. Effect of Heat Treatment on the Phase Composition of 1Kh18N9T and Kh18N12M3T Steels [V. N. Dayatlova, P. T. Dmitriyev, B. N. Shevelkin, A. M. Shabanova, Z. K. Ogurtsova, and L. Ye. Lobanova took part in the investigation] 50

Dyatlova, V. N. [Engineer], and Ye. M. Frolikova [Engineer]. Dependence of the Corrosion Resistance of 1Kh18N9T and Kh18N12M3T Steels on the α -Phase Content 69

Shevelkin, B. N. [Candidate of Technical Sciences]. Effect of Various α -Phase Contents in 1Kh18N9T Steel and α - and σ -Phase Card 3/5

Materials in Chemical (Cont.)

SOV/5488

Contents in Kh18N12M3T Steel on Their Formability [Engineers A. P. Golovanova, L. L. Kravchenko, V. N. Dyatlova, and Candidate of Technical Sciences A. P. Akshentseva took part in the investigation]

82

Khakhlova, N. V. [Junior Scientific Worker], N. S. Dombrovskaya [Doctor of Chemical Sciences], V. G. Kuznetsov [Doctor of Chemical Sciences], and Ye. M. Zhilina [Engineer]. Chemical Investigation of the α -Phase Precipitated From 1Kh18N9T Steel [X-ray phase analysis was carried out at the Institute of General and Inorganic Chemistry of the Academy of Sciences of the USSR by V. G. Kuznetsov and Z. V. Popova]

104

Yesilevskiy, V. P. [Engineer], and N. S. Akulov [Academician of the Academy of Sciences of the Belorussian SSR]. Ponderomotive Magnetic Method of Determining the α -Phase Content in Austenitic Steel [Equipment was manufactured by NIIKhIMMASH; Technician V. M. Malinin participated in working out the electrical circuit for the α -phasometer]

112

Card 4/5

Materials in Chemical (Cont.)

SOV/5488

Khimchenko, N. V. [Candidate of Technical Sciences], and V. N. Prikhod'ko [Engineer]. Wide-Range Ultrasonic Analyzer for Checking the Structure of Metals [Technicians V. N. Maragayev and N. N. Materanskiy participated in the production of the attachment] 120

Khimchenko, N. V. and V. N. Prikhod'ko. Use of the Wide-Range Ultrasonic Analyzer in Investigating the Structure of Steel and Cast Iron 130

Khimchenko, N. V., V. N. Prikhod'ko, and V. P. Gozak [Engineer]. Checking the Metal Quality of Large Shafts Under Factory Conditions 137

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Card 5/5

36939
S/136/62/000/004/004/004
E021/E435

18.IYH
AUTHORS:

Pogodin-Alekseyev, G.I., Gavrilov, V.M.,
Korolev, F.V.

TITLE: The use of low-frequency vibrations in continuous
casting of beryllium bronze

PERIODICAL: Tsvetnyye metally, no.4, 1962, 69-73

TEXT: Vibrations were used in order to try and eliminate the columnar structure in the billets, which makes subsequent rolling more difficult. The metal was melted in a high-frequency furnace with a graphite crucible of 60 kg capacity. The billets produced were up to 400 mm long. Vibrations were produced from an eccentric vibrator. The frequency could be varied from 0 to 100 c/s and the amplitude from 0 to 2 mm. The temperature of the molten metal was held at 1050 to 1060°C and that of the pouring funnel at 650 to 750°C since freezing occurred in the funnel at lower temperatures. With amplitudes of 0.7 to 0.8 mm and frequencies of 25, 50 and 75 c/s the vibration arrangement worked satisfactorily. With this amplitude drops of liquid metal were ejected at 100 c/s; at higher amplitudes ejection occurred X

Card 1/2

The use of low-frequency ...

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E021/E435

at lower frequencies. All the macrostructures of the billets were finer after the vibration treatment, the maximum refinement occurring at an amplitude of 1 mm and frequencies of 50 and 75 c/s. With these conditions the columnar structure is completely eliminated. Chemical analysis across the section of the billet showed that inverse segregation was reduced and could be completely eliminated by the vibration treatment and intensive cooling of the billet. The treatment resulted in a decrease in hardness by 2 to 5 units, which is explained by a smaller quantity of β -phase in the treated billets. There are 5 figures and 1 table.

Card 2/2

L 05183-02 Ewp(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l)
ACC NR: AP6011268

SOURCE CODE: UR/0413/66/000/006/0122/0122

21

B

AUTHORS: Gavrilov, V. M.; Ryzhov, Ye. I.

ORG: none

TITLE: Rotary forging machine. Class 49, No. 180063

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 122

TOPIC TAGS: metal forging, forging machinery, metalworking machinery

ABSTRACT: This Author Certificate presents a rotary forging machine containing a holding device in the form of a cylindrical casing having a slide block within it. For profiling and bending pipe-like products and to automate removal of the finished product, the machine is provided with a built-up matrix mounted on the body of the compressing holder. This matrix is made up of an external spool with an oval opening and an internal solid cylinder (see Fig. 1). The matrix has two mutually perpendicular demounting surfaces. One of these is formed by the internal surface of the spool at the place of its contact with the surface of the cylinder. The other lies in the plane perpendicular to the axis of the spool and cuts this axis symmetrically.

Card 1/2

UDC: 621.733.548.2.073:62-46

L 05188.67

ACC NR: AP6011268

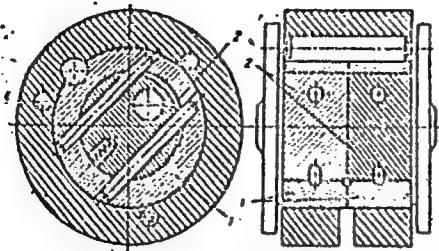


Fig. 1. 1 - external spool of the matrix;
2 - solid cylinder of the matrix

Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 23Sep64

Card 2/2 vmb

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CIA-RDP86-00513R000514510006-9

GAVRILOV, V. M.; ZABELEV, P. G.; GRANICHKO, A. M.; KHOMO, V. G.

Brief news. Mashinostroyatel' no.9(30), 2/44 p. 165.

(KGBA 18:12)

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CIA-RDP86-00513R000514510006-9"

L 06225-67 EWT(m)/EWP(t)/ETI IJP(c) JD
ACC NR: AP6019829 (N) SOURCE CODE: UR/0370/66/000/001/0080/0101

AUTHORS: Pogodin-Alekseyev, G. I. (Moscow); Gavrilov, V. M. (Moscow)

38
30
C

ORG: none

TITLE: The effect of elastic vibrations on the crystallization of metals and alloys
14

SOURCE: AN SSSR. Izvestiya. Metally, no. 1, 1966, 80-101

TOPIC TAGS: metallurgy, metallurgic research, metallurgic conference, elastic oscillation, alloy

ABSTRACT: The authors give a review of the history and current state of the technique for using elastic vibrations as a means of improving the strength and other mechanical properties of metals and alloys. The origin of the elastic vibration technique is traced back to D. K. Chernov (Nauka o metallakh, Metallurgizdat, 1950), who first made use of a vibration technique in the period 1868-1878. The first patented technique is due to Knaifel; however, the practical use of the process began with the work of V. V. Lemontirov and V. I. Tuzhnov (Staleliteynoye proizvodstvo permskogo pushechnogo zavoda. Petrograd, 1915). Practical and applied research gave way to a period devoted to a more theoretical approach for a number of years. A significant advance was the introduction of sonic and ultrasonic vibration techniques. Current knowledge on the effects of elastic vibration are summarized; the following phenomena result from use of the process: 1) a diminishing of the macrograin size

UDC: 621.74.04

Card 1/2

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and a tendency toward the obtaining of a uniform crystalline base; 2) an increase of the degree of uniformity of the structure and a lessening of an extraneous form of liquation; 3) a uniform distribution of admixtures and a reduction of their amounts; 4) a reduction in gas content and improved ingot density; 5) improvement of the microstructure of alloys. Several experimental methods and results are described in an effort to further relate the effect of elastic vibrations on the quality of ingots and the structure of alloys. Among the metals and alloys used in experiments are OTsS-5-5-5 bronze, AL-9, Kh28, OTsS-6-6-3, 1Kh18N9 alloys, and bronzes BrB and BNT. Orig. art. has: 7 figures and 5 tables.

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